



FRAMESET

## VANVOID ATTAQUER

Frame	Vanvold Attaquer
Frame material	Titanium double butted 3AL-2.5V tubing
Frame weight (without hardware)	1750g (#54)
Fork	RR371 ingrated Toray T800 carbon flat-mount
Fork Weight uncutted, RTP	390g
Cable routing	Fully internal Compatible with SRAM and Shimano and Campagnolo electronic and mechanical (not recommended) drivetrains (both 2x + 1x) If using a mech. groupset use a semi-integrated stem / headset to provide better shifting especially for front derailleur;
BB shell	Titanium 6AL-4V I 3d I T47 85.5mm
Recommended BB	T47 inboard
Max. chainring 1x general note: 2mm clearance frame vs. chainring	56T (depending on chainring configuration / flat or offset rings) For rings bigger than 54T the frame clearance goes up to 4mm
Max. chainring 2x general note: 2mm clearance frame vs. chainring	Sram 50/37 Shimano 54/40
Headset	IS52/52 (45°) I 1.5" - 1.5"
Front thru-axle	12x100
Rear thru-axle	142x12 I 166mm I M12x1.5P
Front brake mount	Flatmount for 140/160mm
Front disc rotor size	140 / 160mm
Rear brake mount	Flatmount for 140 / 160mm Chainstay mount thickness 2x 8mm
Rear disc rotor size	140 / 160mm
Cage mounts	2x downtube
Seat post diameter	27.2mm (seat clamp 31,8mm)
Front derailleur	31,8mm
Includes with frame set	rear + front thru axle, rear derailleur (UDH) hanger, fork expander Token DCR Headset Token T47 i.b. Creramic Bottom Bracket
Maximum tire	32mm WAM

## Screws

<u>Component</u>	<u>Screw Dimension</u>
Bottle mounts	M5 x 10-14
Seat Clamp	M5 x 15
Top Cap	M6 x 30

## Torque Values Nm

<u>Component</u>	<u>Torque Nm</u>
Seat post clamp	5Nm
Front thru-axle	10Nm
Rear thru-axle	10Nm
Bottle cages	2Nm
Stem bolts Ti	5Nm
Caliper bolts	6Nm (check supplier recommendations)

## WARNING

Understand your bike and its intended use. Choosing the wrong bicycle for your purpose can be hazardous. Using your bike the wrong way is dangerous.

No type of bicycle is suited for all purposes. Your retailer can help you pick the “right bike for the job” and help you understand its limitations.

There are many types of bicycles and many variations within each type.

There are many types of mountain, road, racing, hybrid, touring, cyclocross and tandem bicycles. There are also bicycles that mix features. Within each of type of bicycle, one can optimize for certain purposes. Visit your bicycle shop and find someone with expertise in the area that interests you. Do your own homework. Seemingly small changes such as the choice of tires can improve or diminish the performance of a bicycle for a certain purpose.

**NOTE:** Usage conditions are generalized and evolving. Consult your retailer or our service about how you intend to use your bike.

**NOTE:** Vanvoid bicycles are tested to a maximum combined bicycle/rider/luggage weight of 100kg. Components have different weight limits, and if replaced can alter the maximum safe bike weight limit. Consult your retailer or Vanvoid Service about what components are appropriate for your bicycle.

## Maximum Weight Limit Vanvoid Attaquer

- Rider 95 kg
- Gear\* 5 kg
- Total 100 kg

\*Seat bag / water bottles / bento bag / handlebar bottle / storage mounts only

## **High-Performance Road - Condition 1**

Bikes designed for riding on a paved surface where the tires do not lose ground contact.

**Intended** To be ridden on paved roads only.

**Not Intended** For off-road, cyclocross, touring with racks or panniers, or mounting child seats or trailers.

**Trade-Off** Material use is optimized to deliver both light weight and specific performance. You must understand that (1) these types of bikes are intended to give an aggressive racer or competitive cyclist a performance advantage over a relatively short product life, (2) a less aggressive rider will enjoy longer frame life, (3) you are choosing light weight (shorter frame life) over more frame weight and a longer frame life, (4) you are choosing light weight over more dent resistant or rugged frames that weigh more. All frames that are very light need frequent inspection. These frames are likely to be damaged or broken in a crash. They are not designed to take abuse or be a rugged workhorse.